

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("5470903").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/02 10:10
L2	3	("5011883"   "5326809").PN. OR ("5470903").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 10:25
L3	1	("4,806,345").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/02 11:00
L4	3	((("5934839") or ("5470903") or ("5149752"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/12/02 11:16
L5	571	(524/521).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/12/02 11:29
L6	1509	(524/555).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/12/02 11:29
L7	302	(524/800).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/12/02 11:29
L8	126	(524/815).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/12/02 11:30
L9	492	(210/723).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/12/02 11:30
L10	713	(210/724).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/12/02 11:30
L11	628	(210/734).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/12/02 11:30
L12	392	(210/735).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/12/02 11:30
L13	575	(210/728).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/12/02 11:30

L14	37	(Gauweiler near5 Werner).in. OR (Ledu near5 Marcin).in. OR (Christoffels near5 Lysanderin).in. OR (Gotsche near5 Michaelin).in. OR (Wood near5 Claudia).in.	US-PGPUB; USPAT	OR	OFF	2008/12/02 11:33
L15	26	(L14) AND (amphoteric)	US-PGPUB; USPAT	OR	OFF	2008/12/02 11:33
L16	24	(L14) AND (amphoteric)	US-PGPUB	OR	OFF	2008/12/02 11:34
L17	2	(L14) AND (amphoteric).clm.	US-PGPUB	OR	OFF	2008/12/02 11:34
L18	0	(L14) AND (amphoteric).clm.	USPAT	OR	OFF	2008/12/02 11:35
S1	1	"11/427589"	US-PGPUB; USPAT	OR	OFF	2008/11/20 14:49
S2	1	"10/525587"	US-PGPUB; USPAT	OR	OFF	2008/11/20 14:50
S3	37	(Gauweiler near5 Werner).in. OR (Ledu near5 Marcin).in. OR (Christoffels near5 Lysanderin).in. OR (Gotsche near5 Michaelin).in. OR (Wood near5 Claudia).in.	US-PGPUB; USPAT	OR	OFF	2008/11/20 14:56
S4	15103	(BASF).as.	US-PGPUB; USPAT	OR	OFF	2008/11/20 14:56
S5	29	(S4) AND (S3)	US-PGPUB; USPAT	OR	OFF	2008/11/20 14:56
S6	4347	(vinyl near5 formamide) OR (vinylformamide)	US-PGPUB; USPAT	OR	OFF	2008/11/20 15:28
S7	191	(amphoteric near5 dispersion)	US-PGPUB; USPAT	OR	OFF	2008/11/20 15:29
S8	11	(S6) AND (S7)	US-PGPUB; USPAT	OR	OFF	2008/11/20 15:29
S9	0	(water near5 swellable near5 cationi near5 polymer)	US-PGPUB; USPAT	OR	ON	2008/11/20 15:30

S10	76	(water near5 swellable near5 cationic near5 polymer)	US-PGPUB; USPAT	OR	ON	2008/11/20 15:30
S11	35	(water near5 swellable near5 cationic near5 polymer) AND (amphoteric dispersant)	US-PGPUB; USPAT	OR	ON	2008/11/20 15:35
S12	1	(water near5 swellable near5 cationic near5 polymer) AND (amphoteric near5 dispersant)	US-PGPUB; USPAT	OR	ON	2008/11/20 15:36
S13	3	(amphoteric near5 dispersant) near5 ("PH")	US-PGPUB; USPAT	OR	ON	2008/11/20 15:36
S14	16	(amphoteric near5 dispersant) SAME ("PH")	US-PGPUB; USPAT	OR	ON	2008/11/20 15:36
S15	861	(dimethylaminoethylacrylate)	US-PGPUB; USPAT	OR	OFF	2008/11/20 15:40
S16	23	(dimethylaminoethylacrylate) SAME (dispersant)	US-PGPUB; USPAT	OR	OFF	2008/11/20 15:40
S17	17	(dimethylaminoethylacrylate) SAME (dispersant) AND (cationic near5 (polymer or resin))	US-PGPUB; USPAT	OR	OFF	2008/11/20 16:32
S18	3	(dimethylaminoethylacrylate) AND ((cationic) near5 (polymer or resin)) AND ((amphoteric) near5 ((dispersant) OR (dispersing adj agent)))	US-PGPUB; USPAT	OR	OFF	2008/11/20 16:38
S19	57	((cationic) near5 (polymer or resin)) AND ((amphoteric) near5 ((dispersant) OR (dispersing adj agent)))	US-PGPUB; USPAT	OR	OFF	2008/11/20 16:38
S20	23	(dimethylaminoethylacrylate) SAME ((dispersant) OR (dispersing near5 agent))	US-PGPUB; USPAT	OR	OFF	2008/11/20 16:39
S21	17	(dimethylaminoethylacrylate) SAME ((dispersant) OR (dispersing near5 agent)) AND (cationic near5 (polymer or resin))	US-PGPUB; USPAT	OR	OFF	2008/11/20 16:40
S22	0	(dimethylaminoethylacrylate) SAME amphoteric SAME ((dispersant) OR (dispersing near5 agent)) AND (cationic near5 (polymer or resin))	US-PGPUB; USPAT	OR	OFF	2008/11/20 16:41

S23	184	(amphoteric SAME ((dispersant) OR (dispersing near5 agent))) AND (cationic near5 (polymer or resin))	US-PGPUB; USPAT	OR	OFF	2008/11/20 16:41
S24	16	(amphoteric SAME ((dispersant) OR (dispersing near5 agent))) AND (cationic near5 (polymer or resin)) AND (dimethylaminoethylacrylate)	US-PGPUB; USPAT	OR	OFF	2008/11/20 16:42
S25	951	(cationic adj (polymer or resin)) AND (salt) AND (amphoteric near5 disersion OR (dispersing near5 agent))	US-PGPUB; USPAT	OR	OFF	2008/11/20 16:44
S26	15	(cationic adj (polymer or resin)) AND (salt) AND (amphoteric near5 disersion OR (dispersing near5 agent)) AND (dimethylaminoethylacrylate)	US-PGPUB; USPAT	OR	OFF	2008/11/20 16:46
S27	8	(cationic adj (polymer or resin)) AND (salt) AND (amphoteric near5 disersion OR (dispersing near5 agent)) AND (dimethylaminoethylacrylate SAME acrylate)	US-PGPUB; USPAT	OR	OFF	2008/11/20 16:46
S28	16	(cationic adj (polymer or resin)) AND (amphoteric near5 disersion OR (dispersing near5 agent)) AND (dimethylaminoethylacrylate)	US-PGPUB; USPAT	OR	OFF	2008/11/20 16:47
S29	76	(water near5 swellable near5 cationic near5 polymer) (negacitive adj charge)	US-PGPUB; USPAT	OR	ON	2008/11/20 16:51
S30	0	(water near5 swellable near5 cationic near5 polymer) AND (amphoteric near5 (negacitive adj charge))	US-PGPUB; USPAT	OR	ON	2008/11/20 16:51
S31	1	(water near5 swellable near5 cationic near5 polymer) AND (amphoteric near5 charge)	US-PGPUB; USPAT	OR	ON	2008/11/20 16:51
S32	196	(cationic near5 (copolymer or polymer or resin)) AND (amphoteric near5 (dispersant OR (dispersing near5 agent)))	US-PGPUB; USPAT	OR	ON	2008/11/20 16:56
S33	168	(cationic near5 (copolymer or polymer or resin)) AND (amphoteric near5 (dispersant OR (dispersing near5 agent))) AND ((water near5 swellable) OR (water near5 soluble))	US-PGPUB; USPAT	OR	ON	2008/11/20 16:57

S34	192	(cationic near5 (copolymer or polymer or resin)) AND (amphoteric near5 (dispersant OR (dispersing near5 agent) OR (protective near5 colloid)) AND ((water near5 swellable) OR (water near5 soluble)))	US-PGPUB; USPAT	OR	ON	2008/11/20 16:57
S35	27	(cationic near5 (copolymer or polymer or resin)) AND ((water near5 swellable) OR (water near5 soluble)) AND (amphoteric near5 (protective near5 colloid))	US-PGPUB; USPAT	OR	ON	2008/11/20 16:58
S36	5990	(cationic near5 (copolymer or polymer or resin)) AND (amphoteric near5 (dispersant OR (dispersing near5 agent) OR (protective near5 colloid) OR (surfactant)) AND ((water near5 swellable) OR (water near5 soluble)))	US-PGPUB; USPAT	OR	ON	2008/11/20 17:09
S37	5990	(cationic near5 (copolymer or polymer or resin)) AND (amphoteric near5 ((dispersant OR (dispersing near5 agent) OR (protective near5 colloid) OR (surfactant))) AND ((water near5 swellable) OR (water near5 soluble)))	US-PGPUB; USPAT	OR	ON	2008/11/20 17:09
S38	1	(cationic near5 (copolymer or polymer or resin)) AND (amphoteric near5 ((dispersant OR (dispersing near5 agent) OR (protective near5 colloid) OR (surfactant)) SAME dimethylaminoethylmethacrylamide near5 acrylate) AND ((water near5 swellable) OR (water near5 soluble)))	US-PGPUB; USPAT	OR	ON	2008/11/20 17:44
S39	1	(cationic near5 (copolymer or polymer or resin)) AND (amphoteric near5 ((dispersant OR (dispersing near5 agent) OR (protective near5 colloid) OR (surfactant)) SAME dimethylaminoethylmethacrylamide SAME acrylate) AND ((water near5 swellable) OR (water near5 soluble)))	US-PGPUB; USPAT	OR	ON	2008/11/20 17:44
S40	1	(cationic near5 (copolymer or polymer or resin)) AND (amphoteric near5 ((dispersant OR (dispersing near5 agent) OR (protective near5 colloid) OR (surfactant)) SAME dimethylaminoethylmethacrylamide ) AND ((water near5 swellable) OR (water near5 soluble)))	US-PGPUB; USPAT	OR	ON	2008/11/20 17:44

S41	1	(cationic near5 (copolymer or polymer or resin)) AND (amphoteric near5 ((dispersant OR (dispersing near5 agent) OR (protective near5 colloid) OR (surfactant)) SAME dimethylaminoethylmethacrylamide ))	US-PGPUB; USPAT	OR	ON	2008/11/20 17:44
S42	1	(cationic near5 (copolymer or polymer or resin)) AND (amphoteric near5 ((dispersant OR (dispersing near5 agent)) SAME dimethylaminoethylmethacrylamide ))	US-PGPUB; USPAT	OR	ON	2008/11/20 17:45
S43	0	(cationic near5 (copolymer or polymer or resin)) AND (amphoteric near5 ((dispersant OR (dispersing near5 agent)) SAME (dimethylaminoethyl near5 methacrylamide) ))	US-PGPUB; USPAT	OR	ON	2008/11/20 17:45
S44	0	(cationic near5 (copolymer or polymer or resin)) AND (amphoteric near5 ((dispersant OR (dispersing near5 agent)) SAME (dimethylaminoethyl SAME methacrylamide) ))	US-PGPUB; USPAT	OR	ON	2008/11/20 17:45
S45	2	(negativ\$4 adj charg\$3) near5 amphoteric near5 (dispersant OR (dispersing near5 agent))	US-PGPUB; USPAT	OR	OFF	2008/11/20 17:47
S46	1	(water near5 swellable near5 cationic near5 polymer) AND (amphoteric near5 dispersant)	US-PGPUB; USPAT	OR	ON	2008/11/20 17:48
S47	411	(amphoteric near5 dispersant)	US-PGPUB; USPAT	OR	ON	2008/11/20 17:49
S48	1	(amphoteric near5 dispersant) SAME (dimethylaminoethylmethacrylamide)	US-PGPUB; USPAT	OR	ON	2008/11/20 17:50
S49	3	(amphoteric near5 dispersant) SAME (dimethylaminoethylnear5 methacrylamide)	US-PGPUB; USPAT	OR	ON	2008/11/20 17:50
S50	0	(amphoteric near5 dispersant) SAME (dimethylaminoethyl near5 methacrylamide)	US-PGPUB; USPAT	OR	ON	2008/11/20 17:50
S51	3	(amphoteric near5 dispersant) AND (dimethylaminoethyl near5 methacrylamide)	US-PGPUB; USPAT	OR	ON	2008/11/20 17:50
S52	3	(amphoteric near5 dispersant) AND (dimethylaminoethylmethacrylamide)	US-PGPUB; USPAT	OR	ON	2008/11/20 17:50
S53	4	(dispersant OR (dispersing adj agent)) SAME (dimethylaminoethylmethacrylamide)	US-PGPUB; USPAT	OR	ON	2008/11/20 17:51

S54	31	(dispersant OR (dispersing adj agent)) SAME (dimethylaminoethyl near5 methacrylamide)	US-PGPUB; USPAT	OR	ON	2008/11/20 17:51
S55	28	(dispersant OR (dispersing adj agent)) SAME (dimethylaminoethyl near5 methacrylamide) SAME (acrylate)	US-PGPUB; USPAT	OR	ON	2008/11/20 17:51
S56	31	(dispersant OR (dispersing adj agent) OR (protective near5 colloid) OR (surfactant)) SAME (dimethylaminoethyl near5 methacrylamide) SAME (acrylate)	US-PGPUB; USPAT	OR	ON	2008/11/20 17:53
S57	1	("20040087759").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/21 09:41
S58	1	("5470903").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/01 16:35
S59	1	("5934839").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/01 17:15
S60	797	((amphoteric) near5 ((dispersant) OR (dispersing near5 agent)))	US-PGPUB; USPAT	OR	ON	2008/12/02 07:25
S61	35	((amphoteric) near5 ((dispersant) OR (dispersing near5 agent)) SAME (negativ\$3 near5 charge\$2))	US-PGPUB; USPAT	OR	ON	2008/12/02 07:26
S62	1155	((amphoteric) near5 ((dispersant) OR (dispersing near5 agent) OR (surfactant)) SAME (negativ\$3 near5 charge\$2))	US-PGPUB; USPAT	OR	ON	2008/12/02 07:29
S63	10	((amphoteric) near5 ((dispersant) OR (dispersing near5 agent) OR (surfactant)) SAME (negativ\$3 near5 charge\$2) SAME (cationic near5 (copolymer OR polymer) ) )	US-PGPUB; USPAT	OR	ON	2008/12/02 07:30
S64	1155	((amphoteric) near5 ((dispersant) OR (dispersing near5 agent) OR (surfactant)) SAME (negativ\$3 near5 charge\$2) )	US-PGPUB; USPAT	OR	ON	2008/12/02 07:31
S65	387	(dimethylaminoethylmethacrylamide)	US-PGPUB; USPAT	OR	ON	2008/12/02 07:31
S66	806	(dimethylaminoethylmethacrylamide) OR (dimethylaminoethyl adj methacrylamide)	US-PGPUB; USPAT	OR	ON	2008/12/02 07:32

S67	5	(S64) AND (S66)	US-PGPUB; USPAT	OR	ON	2008/12/02 07:32
S68	106	((amphoteric) near5 ((dispersant) OR (dispersing near5 agent) OR (surfactant)) SAME (negativ\$3 near5 charge\$2) SAME (advantage benefit function use usage gain improve improvement enhance enhancement develop development assist assistance help))	US-PGPUB; USPAT	OR	ON	2008/12/02 07:33
S69	263	((amphoteric) near5 ((dispersant) OR (dispersing near5 agent) OR (surfactant)) SAME (negativ\$3 near5 charge\$2) SAME (ph))	US-PGPUB; USPAT	OR	ON	2008/12/02 07:35
S70	1	("6660285").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/02 07:45
S71	1	"07/855150"	US-PGPUB; USPAT	OR	OFF	2008/12/02 07:50
S72	1	("5,863,526").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/02 07:52
S73	0	"JP 62187702"	US-PGPUB; USPAT	OR	OFF	2008/12/02 07:54
S74	2	"JP 62187702"	EPO; JPO; DERWENT	OR	OFF	2008/12/02 07:54

12/2/2008 11:35:46 AM

C:\Documents and Settings\akollias\My Documents\EAST\Workspaces\10525587-nf2.wsp